

RAW SEQUENCE LISTING

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Application Serial Number: 10/582, 061
Source: IFWP
Date Processed by STIC: 06/19/2006

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IFWP

RAW SEQUENCE LISTING DATE: 06/19/2006
PATENT APPLICATION: US/10/582,061 **TIME:** 11:40:47

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Output Set: N:\CRF4\06192006\J582061.raw

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3 <110> APPLICANT: University of Virginia Patent Foundation
4      Herr, John C
5      Sleight, Susan C.
7 <120> TITLE OF INVENTION: Band 5: A human testis specific protein
9 <130> FILE REFERENCE: 00955-03
C--> 11 <140> CURRENT APPLICATION NUMBER: US/10/582,061
C--> 11 <141> CURRENT FILING DATE: 2006-06-08
    11 <150> PRIOR APPLICATION NUMBER: US 60/527,875
    12 <151> PRIOR FILING DATE: 2003-12-08
    14 <150> PRIOR APPLICATION NUMBER: PCT/US04/41440
    15 <151> PRIOR FILING DATE: 2004-12-08
    17 <160> NUMBER OF SEQ ID NOS: 9
    19 <170> SOFTWARE: PatentIn version 3.3
    21 <210> SEQ ID NO: 1
    22 <211> LENGTH: 10
    23 <212> TYPE: PRT
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    46 <213> ORGANISM: Mus musculus
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    55 <211> LENGTH: 15
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    57 <213> ORGANISM: Mus musculus
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    65 <210> SEQ ID NO: 5
    66 <211> LENGTH: 14

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68 <213> ORGANISM: Mus musculus
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86 tgagctgggt gaagcattag cgcttgaggg cgccgaattt gaaagcggct tttaaagggt    180
88 gtttttaag cgcctcccc cctgcctct gtttgggtg agaggatctt ctggcggtgc    240
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98 ttcctatttg ggggcccgtgg acgagaacac actggAACAA gcaacctgga gtttctgaa  540
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126 aagtgacgaa gtcaaaaaa ccgcgtcagg atccaagtca gatcagagg tgcctcaaca 1380
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145          20          25          30
148 Leu Lys Thr Phe Glu Asn Thr Tyr Leu Asn Asp His Leu Pro His Asp
149          35          40          45
152 Ile His Lys Asn Val Met Arg Met Val Asn His Glu Val Ser Ser Phe
153          50          55          60
156 Gly Val Val Thr Ser Ala Glu Asp Ser Tyr Leu Gly Ala Val Asp Glu

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157 65 70 75 80
 160 Asn Thr Leu Glu Gln Ala Thr Trp Ser Phe Leu Lys Asp Leu Lys Arg
 161 85 90 95
 164 Ile Thr Asp Ser Asp Leu Lys Gly Glu Leu Phe Ile Lys Glu Leu Leu
 165 100 105 110
 168 Trp Met Leu Arg His Gln Lys Asp Ile Phe Asn Asn Leu Ala Arg Gln
 169 115 120 125
 172 Phe Gln Lys Glu Val Leu Cys Pro Asn Lys Cys Gly Val Met Ser Gln
 173 130 135 140
 176 Thr Leu Ile Trp Cys Leu Lys Cys Glu Lys Gln Leu His Ile Cys Arg
 177 145 150 155 160
 180 Lys Ser Leu Asp Cys Gly Glu Arg His Ile Glu Val His Arg Ser Glu
 181 165 170 175
 184 Asp Leu Val Leu Asp Cys Leu Leu Ser Trp His Arg Ala Ser Lys Gly
 185 180 185 190
 188 Leu Thr Asp Tyr Ser Phe Tyr Arg Val Trp Glu Asn Ser Ser Glu Thr
 189 195 200 205
 192 Leu Ile Ala Lys Gly Lys Glu Pro Tyr Leu Thr Lys Ser Met Val Gly
 193 210 215 220
 196 Pro Glu Asp Ala Gly Asn Tyr Arg Cys Val Leu Asp Thr Ile Asn Gln
 197 225 230 235 240
 200 Gly His Ala Thr Val Ile Arg Tyr Asp Val Thr Val Leu Pro Pro Lys
 201 245 250 255
 204 His Ser Glu Glu Asn Gln Pro Pro Asn Ile Ile Thr Gln Glu Glu His
 205 260 265 270
 208 Glu Thr Pro Val His Val Thr Pro Gln Thr Pro Pro Gly Gln Glu Pro
 209 275 280 285
 212 Glu Ser Glu Leu Tyr Pro Glu Leu His Pro Glu Leu Tyr Pro Glu Leu
 213 290 295 300
 216 Ile Pro Thr Val Ala Gln Asn Pro Glu Lys Lys Met Lys Thr Arg Leu
 217 305 310 315 320
 220 Leu Ile Leu Leu Thr Leu Gly Phe Val Val Leu Val Ala Ser Ile Ile
 221 325 330 335
 224 Ile Ser Val Leu His Phe Arg Lys Val Ser Ala Lys Leu Lys Asn Ala
 225 340 345 350
 228 Ser Asp Glu Val Lys Pro Thr Ala Ser Gly Ser Lys Ser Asp Gln Ser
 229 355 360 365
 232 Leu Ser Gln Gln Met Gly Leu Lys Lys Ala Ser Gln Ala Asp Phe Asn
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 237 385 390 395
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 241 <211> LENGTH: 350
 242 <212> TYPE: PRT
 243 <213> ORGANISM: Homo sapiens
 245 <400> SEQUENCE: 8
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 248 1 5 10 15
 251 Leu Pro Ala Glu Gly Cys Val Ile Cys Asp Pro Ser Val Val Leu Ala

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252	20	25	30				
255	Leu Lys Ser	Leu Glu Lys Asp	Tyr Leu Pro Gly His	Leu Asp Ala Lys			
256	35	40	45				
259	His His Lys Ala Met	Met Glu Arg Val	Glu Asn Ala Val Lys	Asp Phe			
260	50	55	60				
263	Gln Glu Leu Ser	Leu Asn Glu Asp	Ala Tyr Met Gly Val Val Asp	Glu			
264	65	70	75	80			
267	Ala Thr Leu Gln Lys	Gly Ser Trp Ser	Leu Leu Lys Asp	Leu Lys Arg			
268	85	90	95				
271	Ile Thr Asp Ser Asp	Val Lys Gly Asp	Leu Phe Val Lys	Glu Leu Phe			
272	100	105	110				
275	Trp Met Leu His	Leu Gln Lys Glu	Thr Phe Ala Thr Tyr	Val Ala Arg			
276	115	120	125				
279	Phe Gln Lys Glu Ala	Tyr Cys Pro Asn Lys	Cys Gly Val Met	Leu Gln			
280	130	135	140				
283	Thr Leu Ile Trp Cys	Lys Asn Cys Lys	Glu Val His Ala Cys	Arg			
284	145	150	155	160			
287	Lys Ser Tyr Asp Cys	Gly Glu Arg Asn Val	Glu Val Pro Gln	Met Glu			
288	165	170	175				
291	Asp Met Ile Leu Asp	Cys Glu Leu Asn	Trp His Gln Ala	Ser Glu Gly			
292	180	185	190				
295	Leu Thr Asp Tyr Ser	Phe Tyr Arg Val	Trp Gly Asn Asn	Thr Glu Thr			
296	195	200	205				
299	Leu Val Ser Lys Gly	Lys Glu Ala Thr	Leu Thr Lys Pro	Met Val Gly			
300	210	215	220				
303	Pro Glu Asp Ala	Gly Ser Tyr Arg	Cys Glu Leu	Gly Ser Val Asn Ser			
304	225	230	235	240			
307	Ser Pro Ala Thr Ile	Ile Asn Phe His	Val Thr Val	Leu Pro Lys Met			
308	245	250	255				
311	Ile Lys Glu Glu	Lys Pro Ser Pro	Asn Ile Val Thr	Pro Gly Glu Ala			
312	260	265	270				
315	Thr Thr Glu Ser	Ser Ile Ser	Leu Gln Pro	Leu Gln Pro Glu Lys Met			
316	275	280	285				
319	Leu Ala Ser Arg	Leu Leu Gly	Leu Ile Cys	Gly Ser Leu Ala Leu			
320	290	295	300				
323	Ile Thr Gly	Leu Thr Phe	Ala Ile Phe Arg	Arg Arg Lys Val Ile Asp			
324	305	310	315	320			
327	Phe Ile Lys Ser	Ser Leu Phe	Gly Leu Gly	Ser Gly Val Ala Glu Gln			
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331	Thr Gln Val Pro	Lys Glu Lys Ala	Thr Asp Ser Arg	Gln Gln			
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343	agttccttgt	ggagagggga	tctgcgtga	ctcagacccc	gtcgaaaagc	tctcgatttc	120
345	acgcaaccaa	ccttaccctc	gtccccaaaca	caatccttga	ttttaccctc	gggaaaatta	180

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347	gcgttaggtgg	tcatgacccc	ggcttcctct	ttaaaagccc	tcagaacctg	gaccgggctc	240
349	ctcaatgaac	cctagtgtta	gaggccacaa	atcggaatc	aaggtcgggg	agcggtgtt	300
351	taggtgcat	cactgttcag	gatgcacatcg	ggctccttt	tctaagcgga	agtgtgcgcc	360
353	ctgcaaattg	gaagcccggt	agtttgggg	aagggtgaac	aaggggccccc	taggtctaga	420
355	ggaccgcgt	gagtctcgct	taagtgttag	tggggcctc	agttctagaa	atctgcgttc	480
357	tcctgctctc	ggtttgggg	gagagcaccc	ttcctaacgg	tctcgggaa	ctgtgcgcgc	540
359	cggctgcaat	ggggccgcat	tttaccctcc	tgtgtcgcc	gctggccggt	tgcttgcttc	600
361	ctgcccgggg	gtgtgttata	tgtgaccgg	ctgtcgtgct	ggcgctaaag	tccctggaga	660
363	aagattacct	gcctggccac	ctggatgcga	agcatcacaa	agccatgatg	gaaagggtag	720
365	agaatgccgt	gaaggatttc	caggaactgt	cgcttaatga	ggatgcctat	atgggggtcg	780
367	ttgatgaggc	cacactgcaa	aaggggctct	ggagttgct	gaaggatctg	aaacgcata	840
369	cagacagtga	tgtaaaaggc	gatctcttgc	tgaaggagct	attttggatg	ttgcacttgc	900
371	aaaaggaaac	ctttgcacc	tatgttgctc	gattccaaaa	agaggcttat	tgtcccaaca	960
373	aatgtggtgt	gatgttgc	actctgatct	ggtcaagaa	ctgcaaaaag	gaggttcacg	1020
375	cttgtcgaaa	gtcctacgt	tgcggggagc	ggaatgtgga	agttcctcaa	atggaaagaca	1080
377	tgatccttgg	ctgtgagtt	aactggcattc	aggctcgga	aggcctcaact	gattacagct	1140
379	tttacaggg	ttggggAAC	aatacggaga	ccttgggtgc	caagggggaaa	gaggccaccc	1200
381	tgaccaagcc	catgggggt	ccagaggatg	caggcagcta	ccgctgcgag	ctggctctg	1260
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391	tgatcgattt	catcaaattcc	tcactgtttg	gccttggcag	tggagttgcc	gagcaaaccc	1560
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VERIFICATION SUMMARY

PATENT APPLICATION: US/10/582,061

DATE: 06/19/2006

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